

Student Toolkit

2007-2008

A Resource for Ensuring a

Safe and Successful Internship

Student Education Website http://int.lanl.gov/education

Science & Technology Base Program office — Education & Postdoc Office (STBPO-EPDO)

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Table of Contents

	Page
WELCOME	1
STUDENT INTERNSHIPS	2
PROGRAMMATIC INFORMATION	
Organization of the Laboratory	2
The Student's First Days at the Laboratory	2
Z-Number, Email Accounts and Cryptocards	3
Student Badges	3
Student Training	4
General Employee Training (GET)	4
Site Specific Training	6
Student Workplan	6
Sample Workplan	7
Students Under the Age of 18	9
Activity & Work Area Health & Safety Restrictions for Minors	10
Work Schedule	12
Year-Round Students	12
Summer Students	12
9/80 Work Schedule	12
The Student-Transcript & Salary-Review Process	12
Student-Transcript & Salary Letter	13
Student Program Contacts	16
Appointment Types and Terms	16
Precollege/High School Cooperative Program	16
Undergraduate Program	17
UGS - Post baccalaureate Category	18
Graduate Research Assistant Program	18
GRA - Post-Master's Degree Category	19
Student Guest Programs	19

Offsite Student Policy	19
Departure Process –Termination/Casual	21
No-Fault Termination of Relationship	21
When the Relationship Ends Early	22
Annual Student Survey	22
LANL POLICIES	
Implementation Policy and Procedure for Student and Postdoctoral	
Mentoring (IPP 787.2)	23
Substance Abuse	23
Harassment	23
Sexual Harassment	24
GENERAL INFORMATION	
Housing	24
LANL Housing	24
Students' Association Housing Connection	24
Foreign National Students	25
Student Benefits	25
Student Travel/Relocation	25
Safety and Security	25
Security Clearance	26
Clearance Processing	26
Dress Code	26
Visitors	26
Computers	27
Phone	27
Threats of Violence	27
STUDENT RESOURCES	
Mentoring Checklist for Student Interns	28
New and Returning Student Checklists	29
Division-Student Liaisons	33

Division-Student Liaison Listing 2006	33
The Wellness Center	35
Student Programs Advisory Council	35
Students' Association	36
STUDENT INFORMATION/EVENTS	
Symposium 2006.	36
Student News, Student Views	37
Newsbulletin	37
LANL Events Calendar	37
Contacts and Resources Listing	37
SAFETY TIPS	
Bicycle, Pedestrian, and Driver Safety in Los Alamos County	40
Crosswalks	40
Seatbelt Use	40
The Los Alamos Canyon Bridge (Diamond Drive)	40
The Five-Foot Rule	41
Drivers	41
Environment	41
Hiking	42
TRANSPORTATION	
LA Bus	42
Taxi Service	43
Park-n-Ride	43
Shuttle Services	44
SUMMARY	45

WELCOME

Welcome to Los Alamos National Laboratory. Students are an important part of the Laboratory. We hope your experience will be educational, productive, and rewarding. Your time with us is intended to provide meaningful work, exciting learning opportunities, and the option of considering the Laboratory as the place to launch your career.

There will be a variety of opportunities for you to develop both professionally and academically while you are here. We encourage you to get involved and to participate in everything that you can to help develop skills and knowledge for your professional and academic growth. Please provide us with ongoing feedback about your experience at the Laboratory. It is our goal to continue to improve our internship programs.

This Student Toolkit is designed to provide useful information about the Laboratory. The information will help ease your transition and make the Laboratory a more manageable place. We have included information covering policies, services, safety and security, student activities, and contacts and resources.

As a student intern, you will have a mentor who will work with you to establish goals, expectations, and a student workplan. Your workplan will describe the work you will be doing as well as how that work will interface with your group. Your workplan should coincide with your educational goals and career plan. The mentor/student relationship is an important one. Each mentor has a wealth of knowledge, experience, and access to professional relationships that can be of benefit to you.

The Mentoring Checklist for Student Interns (see page 26) is an important form that should be completed by you and your mentor and returned to our office within **seven working days** of your hiring. This information helps to ensure an understanding of your work assignment and establish clear communication and expectations for you and your mentor. If you are under 18, you must also complete the Activity and Work Area Health and Safety Restrictions for Minors (see page 9). This also should be returned to the STBPO-EPDO office at mailstop M709 within **seven working days** of your hiring.

Each division/group has a Division-Student Liaison. Liaisons work with mentors and are additional resources for you. They can also add to the quality of your experience. Please take the time to cultivate these relationships.

We hope you will make the most of your opportunities at the Laboratory and that your experience is positive, productive, and safe.

Science and Technology Base Program Office – Education And Postdoc Office

STUDENT INTERNSHIPS

The student internship program is the primary "pipeline" workforce development program. Historically, statistics have proven that investing in students continues to yield a positive return.

This program offers students an opportunity to gain relevant work experience in their chosen degree field. All students must comply with the requirements set forth on the LANL student web page (http://int.lanl.gov/education/).

PROGRAMMATIC INFORMATION

Organization of the Laboratory

The Laboratory occupies 43 square miles of mesa tops and canyons on the Pajarito Plateau. The Laboratory is divided into Technical Areas (TAs) where different types of work are performed. Almost everything at the Laboratory has an acronym or abbreviation that people use instead of its full name—for example, LANL (Los Alamos National Laboratory), LANS, LLC (Los Alamos National Security, Limited Liability Corporation), UGS (Undergraduate Student), GRA (Graduate Research Assistant), etc. It can be a challenge to figure out what all of these acronyms mean and to learn the organizational structure of the Laboratory. The organizational structure and abbreviations for the Laboratory and its directorates and divisions can be found on the LANL organization website http://int.lanl.gov/organization/.

The Student's First Days at the Laboratory

Your first few days are filled with activities enabling you to become familiarized with the Laboratory. You participate in New Hire Orientation and complete the hiring process with the Human Resources Division. You are informed of available resources as well as site-specific training that may be required before you are authorized to conduct work.

You must also complete General Employee Training, a course that is required of all LANL and contract employees (including students).

Z Number, Email Accounts and Cryptocards

LANL does not use Social Security Numbers for most identification purposes. Each student will be assigned a Z-number. You will be given your Z-number at New Student Orientation.

Students will need a cryptocard in order to set-up an email account. Students will require administrative access to utilize many of the Laboratory's administrative systems. New students will be given the necessary forms at New Hire Orientation. Information about cryptocards can be found at http://network.lanl.gov/accounts/. Information about email accounts can be found at http://network.lanl.gov/email/new_email.php.

Student Badges

All students are required to hold a badge. Student guests (visitor status) are able to receive their badges the day they report to the Laboratory. Students who are hired by the Laboratory (employees) are able to receive their badges the day after the new hire process is completed. For example, students hiring on a Monday may receive their badge on Tuesday. If mentors require students to access the work site on the date of hire they may contact the Badge Office to inquire about a visitor badge.

Students should be aware that all badges issued by the LANL Badge Office are LANL property. It is every student's responsibility to ensure that his/her badge is returned to the LANL Badge Office when no longer needed or valid.

STUDENT TRAINING

General Employee Training (GET)

GET training consists of the following 16 training modules: (Administrative Policies and Procedures, Classified and Sensitive Information, Emergency Management, Environment, ES&H Policies and Procedures, Facilities, Fire Protection, Industrial Hygiene and Safety, Introduction to the Laboratory, Lockout/Tagout, OSHA Rights and Responsibilities, Occupational Medicine, Quality Program, General Employee Radiological Training, Materials Control and Accountability, and Security). GET is taught by the Environment, Safety, and Health Training Group (PS-13) in White Rock and is a full-day training course (8 a.m. to 5 p.m.). You are required to complete GET training and pass an open-book test.

New hires and potential hires may not receive credit for web-based courses (listed below) until their Z-number is in the official LANL Employee Information System (EIS). Having been assigned a Z-number a new-hire does not necessarily mean that your official record is in EIS. Usually, before a person can take online courses for official credit, the person must:

- Wait until she/he is onsite in Los Alamos,
- Have been given a photo ID badge

General Employee Training (GET) – Course #15503

- Requirement Driver: 5480.20A
- Required once
- Target Audience:
 - o All new workers who will be on-site for more than 10 workdays in a 12-month period.
 - o All workers whose job assignments require unescorted access to nuclear facilities and/or radiological controlled areas.

Integrated Work Management: Overview – Course #31881

- Required once
- Target Audience:
 - o All new workers who will be on-site for more than 10 workdays in a 12-month period.

Annual Security Refresher – Course #1425

- Requirement Driver: DOE M 470.4-1, Part 2, Section K
- Training Plan #729, Security Education Training
- Required annually
- Target Audience:
 - All LANL L- and Q-cleared badge holders who are "Active" in the Employee Information System (EIS) who have reported productive time (not vacation, extended leave, etc.) to the Time and Effort system within the past 30 days, regardless of the Laboratory employee type (e.g. UC/LANS, contractor, visitor, Postdoc, HS Co-op, UGS, GRA, affiliate, external or guest).

Initial Computer Security Briefing – Lab-wide – Course #9369

- Training Plan #2368, Computer Security Briefing Unclassified
- Required once
- Target Audience:
 - Anyone who uses Laboratory unclassified or classified computer resources, either onsite or offsite, including federal workers in any branch/agency of the US government, UC/LANS, contractors, subcontractors, students, HS Co-op, UGS, GRA, external, guests and visitors.
 - o Anyone who wants to obtain a Crypto-Card.

Environmental Management System (EMS) Awareness for Workers – Initial Course #32461

- Training Plan #7215, EMS Worker Awareness
- Required once
- Target Audience:
 - O All LANL badge holders who are "Active" in the Employee Information System (EIS) who have reported productive time (not vacation, extended leave, etc.) to the Time and Effort system within the past 30 days, regardless of the Laboratory employee type (e.g. UC/LANS, contractor, visitor, Postdoc, HS Co-op, UGS, GRA, affiliate, external or guest).

Substance Abuse Awareness Program for Employees – Course #7863

- Training Plan #458, Lab-wide Substance Abuse Training Plan
- Required once
- Target Audience:
 - o All LANL badge holders who are "Active" in the Employee Information System (EIS) who have reported productive time (not vacation, extended

leave, etc.) to the Time and Effort system within the past 30 days, regardless of the Laboratory employee type (e.g. UC/LANS, contractor, visitor, Postdoc, HS Co-op, UGS, GRA, affiliate, external or guest).

Maintaining a Respectful Workplace – Course #34531

• This course is designed to enhance managers' and supervisors' knowledge and understanding of various employment laws and policies related to discrimination and harassment prevention. It contains interactive scenarios intended to educate managers about legal responsibilities and to assist in identifying potential problems and resources available to deal with common workplace issues. Content focuses on sexual harassment, and discrimination based on age, gender, race, color, ethnicity, physical or mental disability, sexual orientation, religion, marital status, medical condition and veteran or military status.

Site Specific Training

Your group may have specific training requirements necessary for student employees to conduct their work. In addition to GET, students may be required to take other training courses. Check with your mentor to determine what training you will need to complete prior to and during your assignment.

Student Workplan

The Student Workplan defines the type of work that will be accomplished during the student's appointment. It provides a description of the work assignment and projects, along with the necessary skills and educational background needed to perform the research/work. The workplan is used as a tool for both the mentor and the student to establish a clear, mutual, and meaningful educational Laboratory experience. (See page 7 for a sample.)

Sample Workplan

Created on: 5/15/2006 6:36:00 AM

Created by: 183615

Last Modified on: 12/22/2006 7:26:00 AM

Last Modified by: 183615
Student Last Name: Smith
Student First Name: Scott
Student Middle D
Name:

Student ZNumber: 123456

Student Work Email: smith@lanl.gov

Student Home sblauert@cs.nmsu.edu

Email:

Student Undergraduate

Classification:

Mentor ZNumber: 178910 Group Admin 111111

ZNumber:

Work Assignment Scott will be working on the High Explosives Data Sheet web application with his Description: mentor and two other students. Scott's primary responsibilities for this application

will be:

- Data entry of explosive information into the system
- · Refining the user interfaces
- · Collecting requirements for new functionality
- · Delivering the final version by summer's end

Scott will also support a few other IT initiatives for the division which will be added to this workplan at a later date as they materialize.

Scott will be assigned a small project to keep track of his time spent on projects with the intention of demonstrating the benefit potential of the student program from a cost perspective. This project, although relatively small in scope, will be performed with project management principles and software quality assurance expected of any larger project performed for organizational needs.

Work Assignment N/A

Specific Training:

IWM Activities: N/A

Education Scott will be encouraged to participate in at least one Symposium 2006 Deliverables: presentation or posting. He will be encouraged to present this project at the

symposium.

Goals and The following educational goals will be met in the execution of the work assignment Experiences: during the summer:

- · Gain a working proficiency with:
 - o Visual Studio 2003
 - o Microsoft .NET framework
 - o The C# programming language
 - o Microsoft Internet Information Server (IIS)
 - o Microsoft SQL Server 2000
- Basic relational database theory and application

Demonstrate proficiency with basic Project Management principles
Develop and apply customer service skills

Prior LANL?: New Student School: NMSU

Student Major: Computer Science

Start Date: 6/7/2006 End Date: 6/7/2007 Division-Group: ABC-123 Mail Stop: C123

Students Under the Age of 18

Health and Safety Restrictions for Minors

There is an additional requirement for students under the age of 18. It is imperative that both the student and mentor are aware of the Health and Safety Restrictions for Minors. Therefore, a checklist has been implemented to help both the supervisor and the minor student understand health and safety restrictions. The mentor and student must complete this checklist at http://int.lanl.gov/education/pdfs/Minors_Checklist.pdf. The completed checklist should be mailed within two weeks of the student's start date to:

Brenda Montoya MS M709

Activity and Work Area Health and Safety Restrictions for Minors

Current regulations specify restrictions for certain activities conducted by minors (workers under the age of 18) and for the areas in which they work. The restrictions that LANL is imposing on the work minors can perform incorporates and, in some cases, goes beyond the minimum legal requirements. This checklist captures applicable restrictions and provides a tool to evaluate the work of minors against these restrictions.

Employee Name:	Z#:	Date:
Checking the following indicates that e	ach restriction has been e	evaluated and confirmed
for the above employee:		
Explosives: No work with or around	explosives; no work with	or around explosive
chemicals defined by 49 CFR. (based on	-	•
Driving: No driving of any vehicle for	or business purposes (bey	ond driving to and from
work). (based on 29 CFR 570.52)		_
□ Power tools: No use of power tools e 29 CFR 570.55, 59, 65)	except small, battery-drive	en screwdrivers. (based on
Radiation: No work on prohibited ac	tivities listed in 29 CFR :	570.57; no entry into
Contaminated Areas or Radiation Areas where intake of total inventory would r protected by a single barrier. If working	result in 0.1 rem or work a	around such materials
Radiological Controlled Area, or worki	ing in Radiological Buffe	r Area, dose limit is 0.1
rem/yr, Radiological Worker Training a and 10 CFR 835.207)	and monthly TLD require	ed. (based on 29 CFR 570.57
□ Hoisting: No power hoisting, including 570.58)	ng use of freight elevators	s or lift gates. (29 CFR
□ Power Paper Products: Only use of	typical office equipment	allowed. (based on 29 CFR
570.63)		
□ Brick / Tile work: No firing of clay of		
□ Demolition: No demolition of any str	ructures, systems, or com	ponents, including
cleanup or salvaging. (29 CFR 570.66)		
□ Roofing: No roofing activities. (29 CF		
□ Excavation: No work in trenches over	er 4 feet deep; no work in	tunnels or shafts; manual
tools, only. (29 CFR 570.68)		

Additional restrictions exist for activities deemed not applicable to minors working for UC at LANL, including mining, logging & sawmilling, using bakery machines, and meat processing.

LANL may establish additional restrictions for minors performing other activities or in work areas considered hazardous (such as work with chemicals, at heights, with lasers, in confined spaces, or with energized electrical equipment). Until such restrictions are established, responsible line managers are to apply existing, standard requirements for controlling these hazards for minors.

Industrial Safety SME / Date	
Health Physics SME / Date:	
Signing below indicates that the proper evaluation was perform restrictions are implemented.	ned, and the above
Employee / Date:	
Responsible Line Manager / Date:	

February 2, 2005

Work Schedule

Year-Round Students

Students that intern on a year-round basis are limited to 75% work time during the academic year Exceptions to the work time requirement can be submitted to http://int.lanl.gov/education/spac/exc.shtml. Students participating in the Electro Mechanical Technician Training Program, Machinist Apprenticeship Program, CFO MBA program, students in post baccalaureate appointments and post master's appointments, and GRA students working on a thesis or dissertation are excluded from the 30-hour per week work restriction.

Summer Students

All students are eligible to work full-time, 40 hours a week during the summer months. Students are not required to be enrolled in courses over the summer.

9/80 Work Schedule

Summer students, post baccalaureate, post masters, and GRA students working on a thesis or dissertation are eligible to participate in the 9/80 work schedule. The student must have permission from the mentor to work this schedule, and the specific schedule must be requested through the payroll system.

The Student-Transcript & Salary-Review Process

This review process is conducted annually during February and March. The transcript review process enables the Education and Postdoc Office to monitor a student's eligibility and ensure academic progression. Students' appointment dates will be extended providing eligibility requirements have been met and academic progression is shown.



memorandum

Science and Technology Base Programs Office Education & Postdoc Office (STBPO/EPDO)

To/MS: Students, Mentors, & Liaisons *From/MS:* Brenda Montoya, STBPO/EPDO

M709

Phone/Fax: 7-4866/Fax 5-6871

Symbol: STBDO/EPDO

Date: December 12, 2006

Annual Student Transcript and Salary Review Process

The annual student transcript and salary review process will take place between March and May of 2007.

Students' official transcripts, including fall, '06 grades and spring, '07 enrollment are due to STB-Education and Postdoc Office by February 17, 2007. <u>Official</u> transcripts should be sent to:

Brenda Montoya Los Alamos National Laboratory MS M709 P.O. Box 1663 Los Alamos, NM 87545

Unofficial transcripts will not be accepted. Students submitting a late transcript are not eligible for retroactive salary increases. Transcripts should only be sent to the address above. Sending them elsewhere could cause a delay in a student's raise or result in a lost transcript. Students should verify that transcripts have been received by the Education and Postdoc Office by emailing Brenda Montoya at bmontoya@lanl.gov.

The transcript review process enables the Education and Postdoc Office to monitor a student's eligibility and ensure academic progression. Students' appointment dates will be extended providing eligibility requirements have been met and academic progression is shown.

The Laboratory's new GPA requirements will be monitored via the transcript review process. Student's whose GPAs are below the new minimum requirements will be contacted to discuss a path forward. The student's mentor and group leader will also be notified.

Clarifying Information

1) High school cooperative (HS Co-Op), Post-Baccalaureate, and Post Master's (one-year appointment prior to entering a PhD program) students are not required to submit a transcript.

- 2) Students participating in the Electro-Mechanical Technician Training Program (EMTP) or the Machinist Apprentice Program (MAP) are exempt from this requirement.
- 3) **Official** transcripts are required and must include the student's name, institution name, grade point average (semester and cumulative) and declared major.
- 4) Although students are required to enroll in and receive credit for a minimum of 9 (undergraduate) or 6 (graduate) credit hours or equivalent each semester during the academic year, taking the minimum required may prevent students from receiving the May salary increase. Salary increases are based on the number of credit hours completed in a student's degree program and the student's class standing.
- 5) Appointment dates may not be extended by a student's return to work date if the student's official transcript is not received by the February, 17th deadline resulting in a delay of the student's participation in the Laboratory's 9/80 work schedule.
- 6) Salary increases will be effective in May based on a student's return date and compliance with the transcript submission deadline.
- 7) Students who fail to meet the transcript deadline may no longer be able to participate in the Laboratory's Student Internship Programs.

Reminders

- 1. Undergraduate students are required to enroll in and receive credit for a minimum of 9 credit hours (or equivalent) each semester to remain eligible to participate in the Laboratory's Student Internship Program.
- 2. Graduate students are required to enroll in a receive credit for a minimum of 6 credit hours (or equivalent) each semester to remain eligible to participate in the Laboratory's Student Internship Program. Graduate students who have completed their coursework and are performing research for their thesis or dissertation are eligible to work full-time during the academic year providing they submit proof of enrollment to STB-EPDO showing thesis/dissertation course work.
- 3. Exceptions to the work time or credit hour requirements will be addressed on an individual basis by the Education and Postdoc Staff and the Student Programs Advisory Committee. The exception process can be located at: http://int.lanl.gov/education/spac/exc.shtml
- 4. Students participating in the Electro-Mechanical Technician Training Program, Machinist Apprenticeship Program, or the CFO MBA program, are excluded from the 30 hour per week work restriction.
- 5. Students who are on Post Baccalaureate appointments (one-year appointment prior to entering a graduate program) and students who are on a Post Masters appointment (one-year appointment between completion of Master's and commencing a PhD program) are exempt from this restriction.
- 6. Students are eligible to work 40 hours during the holiday and spring break, with management approval.

- 7. Summer is not considered part of the academic year, so there are no requirements for taking classes and students may work full-time.
- 8. Questions about tuition reimbursement should be directed to Dixie Paternoster at 7-0386 or Dixie@lanl.gov.

Students who are enrolled in Certificate Programs should contact Brenda Montoya at bmontoya@lanl.gov

Please contact Brenda Montoya at 667-4866, <u>bmontoya@lanl.gov</u> or Carole Rutten at 665-5194, <u>crutten@lanl.gov</u> if you have any questions about this or any other student program issue.

Student Program Contacts

The role of the LANL program coordinators is to ensure programmatic compliance and support a positive internship in the high school co-op, undergraduate, and graduate programs. The program coordinators assist mentors and students with needs relating to workplans, mentor/student relationships, policy, exceptions, and other student concerns. Please contact the coordinators if you need assistance.

Brenda Montoya
Precollege, UGS, and GRA
Program Coordinator
STBPO-EPDO
Education & Postdoc Office
667-4866
bmontoya@lanl.gov

Carole Rutten
Laboratory Student/Mentor
Liaison
STBPO-EPDO
Education & Postdoc Office
665-5194
crutten@lanl.gov

Appointment Types and Terms

Precollege

The High School Cooperative Program (HS Co-op) provides qualified high school seniors the opportunity to develop skills and gain work experience, while receiving exposure to a variety of technical and administrative career fields. Students have an opportunity to contribute to the Laboratory's mission while working with state-of-the-art equipment and instruments.

Participants who successfully complete the program may be eligible to receive high school credit. Applicants are screened by designated high school representatives for aptitudes and interests, grade point average, and must be approved to participate in the program by their high school counselor/representative.

Students may work full-time during the summer between their junior and senior year, and may continue the appointment in part-time status (up to 20 hours per week) during the academic year.

Eligibility requirements:

- Must be a high school senior
- Must be at least16 years of age
- Must have a minimum 2.8/4.0 GPA (unless your school requires a higher GPA to participate).

High School Co-op Post Graduate Category

High school graduates who have not been accepted or enrolled in an undergraduate program may be eligible for the High School Co-op Post Graduate category. Post Graduate appointments are for a maximum of three months.

Post Graduate students may move to undergraduate student program status when documentation is provided indicating acceptance in an undergraduate program.

Undergraduate Program

The Undergraduate Student (UGS) Program offers summer and year-round (part-time or full-time) internships for undergraduate students. This is an educational program that provides students with relevant research experience while they are pursuing an undergraduate degree. It is designed to complement the student's education with work experience related to their field of study. Internships can be in technical or administrative fields.

Programmatic time limits are six (6) years for those students pursuing a Bachelor's degree and three (3) years for those students pursuing an Associate's degree.

Eligibility requirements:

- Must be accepted in an undergraduate program
- Must enroll in and receive credit for a minimum of 9 credit hours each semester
- Must initially have and maintain a cumulative GPA of 2.8/4.0

UGS – Post Baccalaureate Category

The post baccalaureate category of the UGS program offers college graduates the opportunity to participate in the UGS program after graduation. This category applies to those students who have been awarded a bachelor's degree but have not yet been accepted and enrolled in a graduate program. Post baccalaureate students may remain in this category for up to one year.

- Students not interested in pursuing graduate school are limited to a one-year appointment.
- Students interested in graduate school should use this one year appointment to prepare for graduate school acceptance (e.g. GRE/GMAT exams, applications, etc.) A student may move into GRA status when documentation is provided indicating acceptance in a graduate program.

Documentation should be sent to:

Los Alamos National Laboratory Attn: Brenda Montoya PO Box 1663, MS M709 Los Alamos, NM 87545

Graduate Research Assistant Program

The Graduate Research Assistant (GRA) Program is a year-round educational program that provides students with relevant research experience while pursuing a graduate degree. In some cases, students can arrange to conduct master's or doctoral thesis research at the Laboratory. The majority of internships are in technical and scientific disciplines.

Appointments are available for 90 days up to one year, with option for renewal based upon program requirements. Students are selected on the basis of field of study, grade point average, and research interests. Individuals may remain in the GRA program for up to three months after receiving a Ph.D.

Eligibility requirements:

- Must be accepted in a Graduate program
- Must enroll in and receive credit for a minimum of 6 credit hours each semester
- Must maintain a cumulative GPA of 3.0/4.0

GRA - Post-Master's Category

The post-master's category of the GRA program offers graduate students the opportunity to participate in the GRA program after receiving a master's degree. This category applies to those students who have been awarded a master's degree but have not yet been accepted into another master's or Ph.D. program. Post masters students may remain in this category for up to one year.

- Students not interested in pursuing a Ph.D or a second master's degree are limited to a one-year appointment.
- In order to remain in the GRA program after the one year maximum in the post master's category, students must be accepted and enrolled in another graduate program (Master's or Ph.D).

Documentation should be sent to:

Los Alamos National Laboratory Attn: Brenda Montoya PO Box 1663, MS M709 Los Alamos, NM 87545

Student Guest Programs

The Official Student Visitor (OSV) Program and the No-Fee Intern (NFI) Program are year-round educational programs that provide students with relevant research experience. These programs allow students (undergraduate & graduate) to engage in research, experiments, or educational experiences while taking advantage of the Laboratory facilities. More information can be found at http://int.lanl.gov/orgs/hr/hrs/guests/.

Offsite Student Policy

Requirements

Off-site students and their management must comply with IMP 822.1, IMP 763, and IMP 761, all Student Program policies and eligibility requirements as well as LANL travel regulations. In addition, the student's mentor will submit a written justification, through the group leader, describing the need and educational benefit to performing work off site.

The Education and Postdoc Office requires a revised workplan for students that will be working off site. Please refer to the items below for completeness.

Off-site Mentoring

In the event that the LANL mentor cannot be generally present to provide off-site mentoring to the student, joint mentoring with someone off site is required (e.g., university advisor, university collaborators, etc.). It is the responsibility of the LANL mentor to initiate this contact and maintain it during off-site status. Consistent with the Los Alamos Student Programs policy, every student will have an identified mentor at all times while associated with the Laboratory Student Programs.

Off-site Justification Memo

An off-site student MAY NOT perform work until the Student Program Coordinator approves the justification and off-site workplan. The mentor will be notified when the workplan and justification memo have been approved. The student must comply with the off-site arrangement for it to be productive and worthwhile (i.e., accountable for time and effort, reporting deadlines, communication, etc.). In the event that the mentor determines the off-site work agreement is not working, this arrangement should be cancelled immediately and no further off-site work should be conducted.

A memo is required annually to request an off-site appointment.

The Off-site Justification Memo Must Address the Following Items:

- Address memo to Brenda Montoya, MS M709
- Student accountability: will the student be writing a weekly report, presenting their results? How will you, as the mentor, know if the work is being done in a timely and professional manner?
- Identified off-site mentor and contact information
- Length of time expected to work off site, final due date of project requirements (not to exceed one year).
- How the student will report their time and effort?
- How will communication between LANL mentor and student take place?
- Any expected travel plans?
- Why can't this job be done by another student or staff member here at LANL?
- Indication that the mentor and group leader are familiar with the Administrative Polices mentioned above and that this Offsite situation will be in compliance.

- Include a NEW Off-site Educational Workplan.
- Educational benefit to the student?
- Mentors must consider the student's academic schedule (provide a copy of the student's upcoming semester/quarter enrollment) while away at school. How many hours do you expect the student to work and maintain their course work and GPA? Note: Students must meet the minimum GPA requirements to work off site. Undergrad GPA: 2.8/4.0; Graduate GPA: 3.0/4.0.
- In the event that property is part of the off-site request, the Property Manager must prepare the appropriate paperwork.
- In accordance with the Laboratory's Integrated Safety Management document, it is imperative that the mentor and group leader be familiar with the following sections: 3.3.1, 3.3.2, 3.3.4, and 3.3.6 (see Student ISM Documentation form, pdf). In the event that the LANL line manager wants to transfer ES&H responsibility to the off-site organization, this must be done through an appropriate transfer of ES&H responsibilities as stated in Section 3.3.2. A copy of the Student ISM Documentation form (pdf) of ES&H responsibility must accompany the off-site justification memo OR the off-site justification memo must identify the responsible LANL line manager. This information must be communicated with the student before off-site work begins.

Departure Process - Termination/Casual

Three weeks before the end of the student's appointment, the student should notify the mentor and the student liaison regarding plans for departure. Forms will be initiated to reflect the appointment status change (to casual, part-time, off-site or termination). The departure process and specific instructions on leaving the Laboratory can be found at http://int.lanl.gov/orgs/hr/personnel/terminations/index.shtml.

No-Fault Termination of Relationship

If either the mentor or the student cannot meet the goals and objectives that have been outlined, a discussion regarding a no-fault end to the relationship should occur. Students should first contact your division-student liaison, then the Education and Postdoc Office (EPDO), Carole Rutten, 665-5194, crutten@lanl.gov for assistance. Staff Relations may be contacted for additional guidance at 667-8730.

When the Relationship Ends Early

Sometimes – despite everyone's best efforts – a student/mentor relationship comes to an early conclusion. Common reasons for this to occur include:

- Mentor or mentoree moves out of the area
- Other major life changes (health concerns, major career shifts) make continuing impossible
- One of the pair decides to end the relationship

If the relationship ends because of an unavoidable circumstance, consider taking the time to get closure and celebrate what you have accomplished. It is helpful to acknowledge that there is probably some disappointment on both your parts; make sure your mentor knows that this is not a reflection on him/her.

If one or both of you truly feel it would be best to end the relationship, then your goal should be to make the ending positive and affirming. Ask your mentor for a last meeting to talk about the ending and say good-bye. At that meeting, remember to:

- Emphasize what has gone well ways you've grown and ways you've benefited
- Acknowledge that sometimes relationships are challenging, and you hope you've both gained some skills in working on interpersonal issues

Annual Student Survey

Students are given the opportunity to participate in the annual student survey. This survey allows students to comment on their experience at the Laboratory. Although this on-line survey is available, students are encouraged to provide comments throughout their internship. The information from the survey is compiled, analyzed, and used to make improvements to the program. In addition, division-related information is provided to the division liaison.

LANL POLICIES

Implementation Policy and Procedure for Student and Postdoctoral Mentoring (IPP 787.2)

This policy was issued in September 2006. The policy standardizes and formalizes the process to select, train, and appoint mentors; and prepare mentorees to work at LANL. This document also clarifies and establishes the responsibilities and requirements for responsible management and supporting organizations. You can view the full policy at: http://policies.lanl.gov/pods/policies.nsf/LookupDocNum/IPP787/\$File/ipp787.2.pdf

Substance Abuse Policy

It is the policy of Los Alamos National Laboratory to strive to maintain a workplace that is free from illegal use, possession, or distribution of controlled substances. To this end all students and mentors will be required to adhere to the Substance Abuse Policy. LANL will hire only applicants who have passed a pre-employment drug test. All LANL employees (not including guests/affiliates) and subcontractor employees who are holders of standard (non-visitor) badges are subject to random drug testing provided they are on site. The Substance Abuse Policy can be found at http://policy.lanl.gov/pods/policies.nsf/MainFrameset?ReadForm&DocNum=IPP732&FileName=ipp732.pdf.

Harassment

The Laboratory has very specific policies regarding harassment. Harassment is unacceptable conduct and is prohibited. The Laboratory takes measures to prevent acts of harassment; they involve prompt corrective and/or disciplinary action for any act that violates this policy. Please contact HR-Employee Relations for more details (HR-ER), 667-8730. The policy can be found at:

http://policies.lanl.gov/pods/policies.nsf/MainFrameset?ReadForm&DocNum=AM711&FileName=AM711.pdf .

Sexual Harassment

The Laboratory sexual harassment policy prohibits sexual relationships involving mentors and mentorees. The related resources available to mentors are HR-ER (667-8730), the division HR generalist, the Employee Assistance Program, and the Ombuds Office.

GENERAL INFORMATION

Housing

LANL Housing

The LANL Housing Office is located at the University of New Mexico: Los Alamos Branch Campus at 1333-40th Street, Room 126-C (the Mesa Complex building). Their phone number is 665-2626.

The Housing Office website is at http://financial.lanl.gov/housing/general.shtml.

Housing Office staff members are available to answer questions, and work on behalf of students to secure rental agreements. Students with transportation have the most housing options.

Students' Association Housing Connection

The Students' Association Housing Connection is a tool used to help Laboratory Students find short-term rental accommodations around Los Alamos and surrounding areas. The Housing Connection website can be found at http://sa.lanl.gov/housing.php. An

additional source for housing can be found at http://www.losalamos.com/ (select the housing link).

Foreign National Students

Please contact the Immigration Services Office for the latest information about foreign national students or student visas. The office can be reached at 667-2738 or 665-0001, and the website address is http://int.lanl.gov/security/isec/iso/index.shtml.

Student Benefits

Depending on the type and length of appointment, students may be eligible for benefits. All benefits questions should be directed to the Benefits Office, 505-667-1806, benefits@lanl.gov. Information on benefit plans can be accessed at http://www.lanl.gov/education/ in the Student Resources section.

Student Travel/Relocation

Rules concerning travel/relocation reimbursements for students are very specific. Detailed information can be found at:

http://financial.lanl.gov/accounting/travel/regulations/graugsregs.shtml. Questions can be sent to travel@lanl.gov or 505-665-8529.

Safety and Security

Safety and security are primary commitments for all LANL employees. The Laboratory's goal is to have an injury-free workplace. The Laboratory takes an aggressive approach to ensure that achieving its mission injures neither people nor environment. You will be required to participate in safety and security training sessions to ensure you conduct your work in a safe and secure manner. Consult the "Safety" or "Security" home page to learn more about this effort. If you are uncomfortable about how work is being conducted, please contact your division safety officer or speak with your mentor, group leader, or team leader.

Security Clearance

When a security clearance is required, the sponsoring organization submits a request and written justification as soon as possible after selection due to the length of time required for clearance processing. The request is initiated through Personnel and Information Security. The length of time to acquire a clearance is determined by the level of clearance requested and the personal history of the candidate.

Clearance Processing

Clearances are allocated on a priority basis and must be approved by your Division or Directorate before submittal. A signed Clearance Request/Recertification/Suitability Form (DOE F472.1C) constitutes approval of clearance requested. Obtaining a clearance can take from one year to 18 months.

Dress Code

There is no official dress code for the Laboratory due to varying work settings. However, clothing should always be neat, clean, and appropriate for your work setting. Clothing that is always **inappropriate** includes short shorts, bare-midriff shirts, low-cut tops, and sheer clothing. There are additional safety requirements for clothing if you work in a laboratory setting.

Visitors

Visitors are not permitted on Laboratory property without proper identification from the Badge Office. All foreign nationals are required to have prior Department of Energy (DOE) approval and appropriate visitors' badges while on Laboratory property. To seek approval for visitors, please contact your group office to obtain the required approvals and complete the appropriate paperwork. Individuals without approval may drive in open areas, but may not enter any buildings. If these security rules are not followed, a security infraction may have occurred. If such an infraction occurs, your badge may be confiscated by Security, and depending upon the nature of the infraction, your

appointment with the Laboratory may be terminated.

Computers

The student is responsible for proper use of any computer system used during work hours. The sponsoring group will provide a listing of computer system responsibilities at the appropriate time. In general, users are prohibited to use the computer for any work outside of that assigned. Use of the Internet is restricted to that needed to accomplish assigned work. Use of the Internet to access pornographic or gambling sites can result in an employee's immediate termination from Laboratory employment and participation in any educational program. In addition, the user must ensure that only authorized Laboratory personnel have access to their computer system (this would include the group's computer system administrator and the student's mentor).

Phone

Laboratory telephones may be used only for Laboratory business. Personal calls should be limited. Phone call communications are not monitored but numbers called are and users must sign-off on all long-distance calls. Users must reimburse the Laboratory for any personal long-distance calls (cost plus Laboratory taxes). Personal cell phones are not allowed at all Laboratory sites. Check with your mentor to see if personal cell phones can be taken on-site at your work location.

Threats of Violence

Any threat of violence in the workplace is taken very seriously at the Laboratory. Comments such as, "I could just kill somebody ... for doing that...." could have serious consequences. Threats, whether intended as a joke or not, are not tolerated at LANL.

STUDENT RESOURCES

Mentoring Checklist for Student Interns

This new form has replaced the former Student/Mentor Workplan Discussion Guide. This checklist will serve as a briefing tool for you and your mentor during your current internship assignment. The checklist covers various topics to help you understand all of the responsibilities, resources, and requirements necessary for a safe, productive, and successful internship.

Mentoring Checklist for Student Interns				5/9/06		Page 1 of 9	
Mento	ree:				Arrival/departure dates:	1	
Mento	r:				Office Location / Phone:		
Super	visor:				Office Location / Phone:		
LM:					Office Location / Phone:		
			Check Appropriate Category Below	1	Select One Below Based of	on Work Plan and Degree Area	
☐ High School Co-op		-	Post-baccalaureate undergraduate student (UGS)	Post-masters degree graduat student (GRA)	e For students pursuing an administrative degree (HR, Accounting, Education, etc.)	Technical For students pursuing a TSM credentialed degree (Chemistry, Engineering, Computer Science, etc.)	
		Ch	eck Appropriate Work Hours Be	low		of Student Internship	
Casual (19 hrs/wk or less)		k or less)	Part time (20-39 hrs/wk)	☐ Full time (40 hrs/wk)	Summer Year-round	Semester (non-summer) Other List:	
☑ If N/A	☑ When Complete	Date Completed	Activity	Details		Mentoree Initials	
I. Develop Mentoring Package Mentor and supervisor collaborate to complete this section of the Checklist. Upon completion, both sign at the bottom of Section I, and submit to the Line Manager for approval.							
U	pon approval	and before the	e mentoree arrives, the LM notifies t	the STB-EPO Student office of th	e approval by email, and returns the	e signed document to the mentor.	
			Educational work plan compl	lete and approved			
			2. Does IWM apply? (See IMP 300 for detailed guidance)				
			a. Are there any applicable No Yes	No	s one required by IMP 300? Yes If yes, initiate a Hazard Analysis. Where?		

☑ If N/A	☑ When Complete	Date Completed	Activity	Details	Mentoree Initials
			b. Are there any applicable IWDs? ☐ No ☐ Yes	IF YES, list:	
			3. Are there any procedures that apply to:		
			a. Performing the proposed work?☐ No☐ Yes	IF YES, list:	
			b Access to or use of facilities? ☐ No ☐ Yes	IF YES, list:	
			c. Computing resources to be used? ☐ No ☐ Yes	IF YES, list:	
			d. Export Control? ☐ No ☐ Yes	IF YES, list:	
			e. Other?	IF YES, list:	
			4. Identify required training		
			a. Complete Institutional Training Questionnaire at http://int.gov/training/questions.shtml to identify Institutional Core Training Requirements (i.e. GET, Computer Security), and Lab-wide required training.	Required training:	

IVICIIU	dentoring Checkrist for Student Interns 3/9/00				Page 5 (
☑ If N/A	☑ When Complete	Date Completed	Activity	Details	Mentoree Initials
			Attach output –OR - list outcomes at right. CAUTION: Use only the URL shown above for this activity. Out-of-date versions may still exist on the LANL networks.		
			b. Review applicable IWDs and list required training at right.	Required training:	
			c. List all other training required to: • Access the work site • Perform the proposed work, including to: • Use specific equipment or instrumentation, etc. • Use specific materials (reagents, explosives, biological materials, etc.)	Required training:	
			5. Identify facility-specific requirements		
			a. Hours of operation		
			b. Physical access to the facility		
			d. Security clearance requirementsNo Clearance RequiredClearance Required	Details:	
			d. Escort requirements		
			e. Keycards, building entry authorization encoded on LANL badge		
			f. Postings (radiological, warning signs, biohazards, restricted entry, etc.)		
			g. Hazard Communication briefing requirements		

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☑ If N/A	☑ When Complete	Date Completed	Activity		Details	Mentoree Initials
			h.	Facility contacts (name and phone number		
				for operations manager, building manager,		
				maintenance, etc.)		
			i.	Facility accountability system		
1			j.	Alarms, evacuation routes and emergency notification procedures.		
			6. Id	entify restrictions on:		
			a.	Scope of approved and authorized work		
			b.	Foreign nationals		
			c.	Activities that require the mentoree to be		
				observed or supervised		
			d.	Activities that have training prerequisites		
				before mentoree can perform them.		
			e.	Work hours or days of the week		
		f.				
			permit requirements, tracking or accountability systems			
		g.	Electronic devices (cell phones, personal			
				computers, PDA, camera, etc.)		
			h.	Personnel who have not attained the age of		
			majority ("minors")			
			i.	Need to know		
			j.	Access to computer networks, data and		
				software applications (administrative access		
				via cryptocard required, email account, etc).		
Prepare	ed by (both n	nust sign):			Approved by:	
Mentor			Supervisor	Line Manager		
					-	

☑ If N/A	☑ When Complete	Date Completed	Activity	Details	Mentoree Initials
Date			Date	Date	

☑ If	☑ When	Date			Mentoree
N/A	Complete	Completed	Activity	Details	Initials

II. Conduct Mentoring Briefing

The mentor checks off the items as they are completed. The mentoree initials in far right-hand column to acknowledge that:

- Each item has been discussed
- S/he has been offered an opportunity to ask questions
- The questions have been answered or resources have been identified to answer them

Upon completion of this section of the Checklist, both mentor and mentoree sign at the bottom to document that all items are complete, and the mentoree is eligible for authorization to conduct the work activities covered in the Mentoring Package. The mentor then:

- Forwards a copy of the Checklist to the LM
- Provides a copy of the Checklist to the mentoree
- Forwards the original to the Division's central records custodian

Upon receipt of the signed Checklist, the LM authorizes the mentoree to conduct work activities as appropriate. Note that some authorizations must be delayed until the mentoree completes prerequisite training.

li		1. Introductions		
		Mentor	Name	
		Alternate Mentor	Name	
		Supervisor	Name	

☑ If N/A	☑ When Complete	Date Completed	Activity	Details	Mentoree Initials
				Email	
			Line Manager (LM)	Name	
			Mentoree	Name Div/Group Z-Number Div/Group Phone: Lab: Home: Pager Cell phone Mail Stop Office Location Email	
			Co-workers, others (list at right)		
			Division Student Liaison	Name Div/Group	
			2. Identify Safe Work Requirements		
			 Stop work authority and responsibility Recognize "scope creep" Recognizing "not as expected" conditions Inaccurate/incomplete procedures, IWDs, etc. Prerequisite training not completed by worker Worker not confident to proceed Recognizing Lockout/Tagout, out-of-service 	Notes:	

☑ If N/A	☑ When Complete	Date Completed	Activity	Details	Mentoree Initials
			 equipment, other tags Maintaining constant 360° awareness Changing conditions Changed postings 		
			3. Code of Conduct		
			 Safety is a requirement of employment Honesty, integrity, professionalism Ethical and proprietary issues Integrity of Research (AM 731) Attire Office areas Hands-on work areas, including PPE requirements Comportment Behavior standards Harrassment (sexual, gender, ethnicity, citizenship, marital status, weight, etc.) Language standards English vs. other languages Profanity 	Notes:	
			4. Communications and Resolving Disputes		
			 Expectations Open communication is the standard Frequency of meetings with mentor Frequency of meetings with supervisor Roles and Responsibilities IPP 787.1 Postdoctoral and Student Mentoring (provide copy) Mentor vs. supervisor roles, responsibilities, authorities and accountability (R2A2) Mentoree R2A2 Dispute resolution resources Supervisor, LM, Division Leader Division Student Liaison STB-EPO Program Contacts Ombuds Office, Staff Relations, Human 	Notes:	

☑ If N/A	☑ When Complete	Date Completed	Activity	Details	Mentoree Initials
			Resources		
			5. Review "Develop Mentoring Package" Section of	of Checklist with Mentoree	
			Discuss scope of work with special emphasis on Activities for which supervision or oversight are required Training prerequisites exist Process to gain authorization to perform activities (including WQAS if applicable)	Notes:	
			6. Mentoree's Educational Objectives		
			Discuss performance and learning objectives section of the Educational Work Plan, and agree on the end-of-assignment deliverable	Indicate agreed-upon deliverable(s) below: Symposium presentation Group presentation Publication Written report Website Other (describe)	
			7. Professional/Career Development		
			 Publication Collaboration, credit for authorship Review and classification requirements Research guidance and flexibility Required evaluations Will mentoree have IPOs? Program evaluations Mentoree Mentor Program 	Notes:	

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☑ If N/A	☑ When Complete	Date Completed	Activity	Details	Mentoree Initials
			Discuss mentoree's long-term career plans		
			8. Additional Topics		
				Notes:	
				-	
I have	been briefed	on the topics in	ndicated on this checklist. I have had an opportunity to as	sk questions, and have been provided resources for further guidance.	
Mento	ree signature			Date	
				Date	
Mento	r endorsemen	t:			
Mento	r signature			Date	

New and Returning Student Checklist

The Education and Postdoc Program Office has developed a new resource for students. This resource is a checklist for new and returning/year-round students to ensure that you are aware of all necessary requirements for your current assignment. The checklists are also available on line at: http://int.lanl.gov/education/. You are encouraged to use these checklists during your time at the laboratory as they will help you to fulfill your student internship responsibilities.

New Student Checklist

Prior to Arrival

Returned offer letter with required documentation and confirmed hire date with Human Resources and mentor	
Discussed travel reimbursement with mentor as outlined in offer letter http://financial.lanl.gov/accounting/travel/regulations/default.shtml	
Gathered documents required for employment in the U.S. (refer to the <i>List of Acceptable Documents for I-9 Verification</i> that is part of the offer letter). Note that without these documents, your hire date may be delayed (Applies to all students)	
Made arrangements to meet mentor after New Hire Orientation (on the first day)	
Upon Arrival	
Attended New Student Orientation	
Completed GET (General Employee Training), Site Specific Training, and all general training requirements for employees http://int.lanl.gov/training/	
Picked up LANL Badge from the Badge Office (located on the second floor of the Otowi Building)	
Obtained a Cryptocard (you will need this to access e-mail and forms can be completed at New Hire Orientation) (To be coordinated by your group office administrator)	
Read and understand Student Mentoring Policy Procedure IPP 787.2	
http://policies.lanl.gov/pods/policies.nsf/MainFrameset?ReadForm&DocNum=IPP787&File	eName=ipp787.2.pd
Met with mentor and reviewed Student Workplan	
If you are minor, you must complete the form: Health and Safety Restrictions for Minors. The form can be found at: http://int.lanl.gov/education/pdfs/Minors_Checklist.pdf .	
Departure	
Turned in all LANL Property (badge, keys, Cryptocard, etc.) the day of departure	

Completed departure processing forms with mentor http://int.lanl.gov/orgs/hr/personnel/terminations/index.shtml	
Completed the on-line Annual Student Survey	

Returning Student Checklist

Prior to Return

Submitted official transcript (Due Feb. 17, 2007)		
http://int.lanl.gov/education/pdfs/Student_Transcript.pdf Brenda Montoya		
PO Box 1663		
MS M709		
Los Alamos, NM 87545		
*Note: Students who do not submit official transcripts are not eligible to participate in the Laboratory Student Internship Program		
Confirmed with Brenda Montoya (bmontoya@lanl.gov) that your transcripts have been received		
Discussed and agreed upon an arrival date with mentor		
Discussed travel reimbursement with mentor http://financial.lanl.gov/accounting/travel/regulations/default.shtml		
Upon Arrival		
Picked up badge from the Badge Office (Located on the second floor of the Otowi Building)		
Picked up Cryptocard		
Updated training; completed Annual Security Refresher #1425 http://www.hr.lanl.gov/TIOCourses/TIOAha.asp?CourseNumber=1425 and, if necessary, Technical Surveillance Countermeasures, Site Specific Training, etc.		
Read and understood Student Mentoring Policy Procedure IPP 787.2 http://policies.lanl.gov/pods/policies.nsf/MainFrameset?ReadForm&DocNum=IPP787&Fi	ileName=ipp787.2.j	<u>pdf</u>
Met with mentor and reviewed new workplan		
If you are minor, complete the form: Health and Safety Restrictions for Minors. The form can be found at: http://int.lanl.gov/education/pdfs/Minors_Checklist.pdf .		
Departure		
•		
Completed departure processing forms with mentor http://int.lanl.gov/orgs/hr/personnel/terminations/index.shtml		
Turned in all LANL Property (badge, keys, Cryptocard, etc.) the day of departure		
Completed the on-line Annual Student Survey		

Division Student Liaisons

Division-student liaisons are an additional resource for students. Each division/group has a student liaison. Liaisons add value to the students' experiences by working with mentors and linking students to needed resources within the division, the Laboratory, and the community. Liaisons help make the Laboratory a more manageable place so that students can focus and be more effective in their work projects. Ask your mentor to introduce you to your liaison.

Division - Student Liaison Listing 2007

Group	Last Name	First Name	Phone	E- mail	Mail Stop
Стоир	Lust Name	Name	THORIC	L man	Man Otop
AOT-DO	Zwick	Linda	665-1714	lzwick@Inal.gov	H809
ASM-DO	Pacheco	Barbara	665-5103	barbp@lanl.gov	P201
AET-DO	Martinez	Myra	667-3963	myra@lanl.gov	C926
B-DO	Rudnick	Jennifer	665-6083	rudnick@lanl.gov	M888
CT-DO	Gaedecke	Nicole	667-0726	nig@lanl.gov	B251
C-DO	Roybal Freeman	Elaine Lydia	667-4457 667-3269	elaine@lanl.gov lydia@lanl.gov	P172 K484
CMRR-PO					
CFO-DO	Jaramillo (CFO- OEO) Elson (CFO-2)	Leo Jean	667-3848 665-0686	leoj@lanl.gov elson@lanl.gov	P119 G576
CIO	Spallitta	Erika	667-6151	espallita@lanl.gov	D417
SPO-CNP	•				
CGA-DO	Delacruz	Vanessa	665-8089	vanessa@lanl.gov	P355
CPO-OFF					
CCS-DO	Fisk	Gina	667-6769	gina@lanl.gov	B287
CTN-DO	Hogsett	Carol	665-5202	carol@lanl.gov	P172
CS-DO	Wagner	William	664-0012	wlwagner@lanl.gov	M874
D	Salazar	Christie	667-3718	csalazar@lanl.gov	K575
DE-DO	Atencio-Gerst	Rosella	665-2737	rosella@lanl.gov	P918
EES-DO	Sussman Dartevelle	Aviva Sebastian	667-4195 667-6815	spring@lanl.gov sdart@lanl.gov	D462 D443

ER-DO	Harvey	John	665-0373	jfharvey@lanl.gov	C938
EFO-DO	Martinez	Susie	667-9747	smart@lanl.gov	C928
ERSS_DO	Casaus	Margaret	667-4220	mcasaus@lanl.gov	J496
EWMO-DO					
ENV-DO	Sherwood	Sherri	665-9876	sherwoods@lanl.gov	J978
EA-DO	Kayser	Jutta	665-3104	jkayser@lanl.gov	A249
FME-DO	Sanchez (Eng-				
	FME)	Joseph	665-6070	josanchez@lanl.gov	M702
HPC-DO	Hogsett	Carol	665-4732	carol@lanl.gov	B260
HR-DO	Valdez	Danny	665-7215	dlvaldez@lanl.gov	M894
	Ratliff (HR-S)	Gilbert	665-5196	gratlifff@lanl.gov	P219
	Gilbert (HR-S)	Bob	665-8073	ragilbert@lanl.gov	P219
	Bolinger	Lisa	665-2533	lisa@lanl.gov	M984
HX-DO					
IHS-SO	Rey	Virginia	665-8769	vrey@lanl.gov	K483
IRM-DO	Connaughton	Theresa	665-4574	tgc@lanl.gov	A150
IST-DO	Tozer	Justin	667-6677	tozer@lanl.gov	C342
IP-DO	Sandoval	Beverly	665-5900	bevs@lanl.gov	K773
	Rivera	Natalie	663-5127	natalie@lanl.gov	T001
INST-OFF	Womack	Kathie	663-5206	Womack@lanl.gov	T001
IAT-DO	Byers (IAT-IRAT)	Loren	663-5506	lwbyers@lanl.gov	T008
	Gustafson	John	667-9848	niscos@lanl.gov	B276
ISR-DO	Stanford (ISR)	Lorraine	665-2044	lstanford@lanl.gov	B241
	Cook (ISR-SDS)	Debra	667-7736	dsc@lanl.gov	D440
	Martinez	Vivian	667-2965	vvmx@lanl.gov	B241
LC-DO	Lovato-Farmer	Cindy	667-1149	cjlf@lanl.gov	A187
LWSP	Casaus	Margaret	667-4220	mcasaus@lanl.gov	J496
LANSCE-	0 1		005.0505		
DO	Conradson	Leilani	665-9505	leilani@lanl.gov	H805
LFO-DO					
MSS-DO	Chavez	Luci	667-6521	luci_chavez@lanl.gov	K492
MC-DP	Roybal	Debbie	667-6336	roybald@lanl.gov	P917
MQ-DO	Roybal	Debbie	667-6336	roybald@lanl.gov	P917
MCFO-DO	Sanchez	Tess	665-9500	tsanchez@lanl.gov	G756
	Allen	Julie	665-7323	juliea@lanl.gov	G756
MPA-DO	Durakiewicz	Tomasz	667-4819	Tomasz@lanl.gov	K764
N-DO					
NN	Frame (N-SST)	Kate	665-2384	frame@lanl.gov	E540
	McHale (N-ANT)	Charlene	667-2286	cmchale@lanl.gov	B228
OM-DO	Rey	Virginia	665-8769	vrey@lanl.gov	K483
SPO-AEI					
P-DO	Wurden	Glen	667-5633	wurden@lanl.gov	E526
		17 ' 1	667-0697	kristy@lanl.gov	E500
PMT-DO	Archuleta	Kristy	1600-0091	Kiistywiaii.gov	L300
i		-			<u> </u>
PMT-DO POL-DO PM-DO	Archuleta Hickey Vigil	Sharon Toby	667-4670 665-9215	hickey@lanl.gov tiv@lanl.gov	A147 E512

	Winkler	Dorothy	664-0388	dwinkler@lanl.gov	J961
PF-DO	Martinez	Patrick	665-6790	prmtz@lanl.gov	D471
QA-DO	Rey	Virginia	665-8769	vrey@lanl.gov	K483
RP-DO	Rey (RP-TS)	Virginia	665-8769	vrey@lanl.gov	K483
SAFE-DO	Baca	Stephanie	665-1205	sbaca@lanl.gov	G729
SB-DO					
STBPO- EPDO	Rutten	Carole	665-5194	crutten@lanl.gov	:M709
SEC	Baca	Stephanie	665-1205	sbaca@lanl.gov	G729
TT-DO	Lopez	Arlene	665-6747	atl@lanl.gov	C334
T-DO	Holz (T-TA)	Daniel	665-9850	abc@lanl.gov	B227
WS-DO	Casaus	Margaret	667-4220	mcasaus@lanl.gov	J496
WCM-DO	Martinez	Jeanette	667-9955	jeanette@lanl.gov	E587
FME-WFO					
W-DO	Logan	Tarah	665-7976	t logan@lanl.gov	A115
WT-DO	Leyba	Debbie	667-2535	dleyba@lanl.gov	P946
X-DO	Heath (X3-MCC)	Alexandra	667-2558	arh@lanl.gov	F663
	Stewart (X)	Tim	665-9419	stewart@lanl.gov	B218

The Wellness Center

The Wellness Center is located in Technical Area 3, Building 1163, near the intersection of Bikini Atoll and West Jemez Road in Los Alamos. The Wellness Center is provided for employees of LANL, UC, DOE, Protection Technology Los Alamos, KSL (Kellogg Brown Root, Shaw, and LATA), and the Los Alamos County Fire Department. New users are required to attend an orientation session before receiving authorization for use of the facility. For more information about hours of operation and orientation times visit the Wellness Center webpage at http://int.lanl.gov/health/wellness/index.shtml.

Student Programs Advisory Council

The Student Programs Advisory Council (SPAC) is composed of Laboratory employees who advise LANL management on student-related issues and policies. The mission of SPAC is to make sure that every student has a positive experience at LANL. The SPAC website is at http://int.lanl.gov/education/spac/ SPAC meetings are open and student and mentor involvement is encouraged.

The purpose of SPAC is to:

- Serve as an advocate for the quality of each student's experience at the Laboratory;
- Monitor the quality and impact of student programs;
- Ensure effective communication about student programs; and
- Recommend policy changes and initiatives for improvement of Laboratory student programs.

Students' Association

The LANL Students' Association (SA) continues to grow and provide resources and activities to all students. Social, educational, and professional development activities are coordinated and can be found on the SA website at http://sa.lanl.gov. It is the intent of SA to obtain representation from all programs, divisions, and groups at the Laboratory that employ students. SA is the known voice for the students and will bring concerns, opinions, and students' ideas to the proper groups within LANL. Students must decide their own level of participation, assessing their interests and their time.

STUDENT INFORMATION/EVENTS

Symposium 2007

Annual Symposium: Highlighting Student and Postdoctoral Research "Championing Scientific Careers"

The Annual Symposium is an opportunity for all students and postdoctoral appointees to present their learning experiences and scientific research. The intent of the symposium is to broaden students' and postdoctoral appointees' expertise and to prepare them for careers in the sciences. The event will take place on August 1-2, 2007. For more information about the symposium, see the website at:

http://www.lanl.gov/education/symposium/.

Student News, Student Views

"Student News, Student Views," is an electronic newsletter that is distributed via the student information list serv bi-weekly during June and July and monthly thereafter. It informs students of relevant changes to policies and procedures, distributes information about available scholarships, fellowships or internship opportunities. It informs students of upcoming LANL and student activities. Students should contact Rebecca Duran at rduran@lanl.gov to be placed on the list serv.

Newsbulletin

The Newbulletin is found on the LANL homepage. To find events, go to http://int.lanl.gov/news/index.php?fuseaction=nb.main/ and click on calendar.

LANL Events Calendar

The events calendar is found on the LANL homepage (http://int.lanl.gov/).

CONTACTS AND RESOURCES LISTING

TITLE	CONTACT INFORMATION	COMMENTS/NOTES
Badge Office	Phone: 667-6901 Email: badge@lanl.gov	htttp://int.lanl.gov/security/personnel/badge/
Benefits/Compensation Office	Phone: 667-1806 Email: benefits@lanl.gov	http://int.lanl.gov/worklife/benefits/
Bradbury Science Museum	Phone: 667-4444	http://www.lanl.gov/museum
Business/Payroll Office	Phone: 667-4594	http://cfo.lanl.gov/accounting/payroll/default.shtml
Diversity Office	Phone: 667-8695	http://int.lanl.gov/orgs/oeod

Division Human Resources	Name: Phone: Email:	
	Email.	
Education & Postdoc Office Student/Mentor Liaison HS Co-op, UGS, and GRA Program Coordinator	Name: Carole Rutten Phone: 665-5194 Email: crutten@lanl.gov Name: Brenda Montoya Phone: 667-4866 Email:bmontoya@lanl.gov	http://int.lanl.gov/education/
Food (Aramark, Otowi Bldg.)	Phone: 667-3591	Hours of Operation: Breakfast: 6:30-10:00 Lunch: 11:00-1:45 Sweet Shop: 10:00-4:00 http://www.aramarkcafe.com/losalamos/
Housing Office	Name: Vicki Barnett Phone: 661-2626 Email: housing@lanl.gov	http://financial.lanl.gov/housing/general.shtml
Human Resources HR Generalists for Each Division	Phone:664-6947	http://hrint.lanl.gov/Generalists/
Bivioloti		
Emergencies Immediate Danger	Phone: 667-6211 Phone: 911	fire, unattended bags, etc. http://int.lanl.gov/security/
Laboratory Operator	Phone: 667-5061 Or dial 0 (zero)	External Web Site: www.lanl.gov/worldview Internal Web Site: www.int.lanl.gov
Los Alamos Medical Center	Phone: 662-4201	Allergy shots, pharmacy, and emergency care
Occupational Medicine Employee Assistance	Phone: 667-7251	
Program (EAP)	Phone: 667-7339	http://int.lanl.gov/health/occmed/_
Office of Equal Opportunity	Phone: 667-8695	http://int.lanl.gov/orgs/oeod/index.htm

Ombuds Office	Name: Pavlo Quintana Phone: 667-9330 Email: pavio@lanl.gov	www.lanl.gov/ombuds/
Research Library	Phone: 667-5809 Email: library@lanl.gov	http://library.lanl.gov Starting place for assistance with library needs
Cofety and Conveity		
Safety and Security		
Concerns		
(ISM)	Phone: 665-7233	http://int.lanl.gov/safety/
Employee Relations (Complaints, harassment or violence in the workplace	Phone: 667-8730	http://int.lanl.gov/orgs/hr/relations/index.shtml
	Name:	Division/Group Poscurso Porson:
Student Liaison	Phone:	Division/Group Resource Person:
Student Liaison		
	Email:	(provides direction to appropriate contacts)
	Name:	
Student Mentor	Phone:	Primary Contact Person
Student Mentor		Filliary Contact Ferson
	Email:	
	Phone: 667-TAXI	
Taxi	(667-8294)	From lab property to lab property
Taxi	(007-0294)	Trom lab property to lab property
Travel	Phone: 665-8529	http://cfo.lanl.gov/accounting/travel/default.shtml
	Name: Dixie Paternoster	
Tuition Reimbursement	Phone: 667-0386	
	Email: dixie@lanl.gov	http://int.lanl.gov/orgs/hr/td/tuition.shtml
		The state of the s
	Phone: 667-6622	Lab Closures or Delays: Update Hotline
LANL Weather Updates	or	
	877-723-4101	http://weather.lanl.gov/

SAFETY TIPS

Bicycle, Pedestrian, and Driver Safety in Los Alamos County

(Written by Wayne Slattery for the LANL Bicycle-Pedestrian Safety Committee, John Bradley, chairman.)

Most of the bicycle-pedestrian safety concerns in Los Alamos aren't very different from those in the rest of the U.S. There are, however, a number of very sensitive areas where things *are* different.

Crosswalks

The first difference is that in Los Alamos, cars *are* required to stop for pedestrians in *crosswalks*. The police do watch this. From a pedestrian viewpoint, this means that while walking across a crosswalk, you can expect cars to stop for you. But *do not* take this expectation for granted. Keep watching the cars and make sure that they stop; they may not see you.

Seat Belt Use

The local police are on the lookout for drivers and passengers who are not using seat belts. Save your \$50 and perhaps your life by wearing your seat belt.

The Los Alamos Canyon Bridge (Diamond Drive)

One very sensitive area is the walkway across the Los Alamos Canyon Bridge. Both pedestrians and bicyclists use this walkway. For pedestrians, it is a good idea to walk on either one side or the other of the walkway. When a bicyclist passes a person walking, the courteous thing for the bicyclist to do is to slow down. (There are signs at either end of the bridge stating a county ordinance that says bicyclists must not be going faster than 5 mph near pedestrians.) Say something like, "Passing on your left (or right)," and then pass slowly.

Remember that this is a request, not a demand.

The Five-Foot Rule

In Los Alamos, cars are required to stay at least five feet from bicyclists. This law also works the other way. Bicycles must stay at least five feet from cars. This rule usually precludes passing a bunch of cars by sneaking along to the right of stopped cars waiting for a light to change. In this situation, the best thing is to wait your turn in the *middle* of the lane. Drivers who are unaware of the five-foot rule will invariably crowd you over to the right at a stop light if you are just a *little* bit in the lane.

Drivers

Deer and elk are common in Los Alamos County, especially on lower Pajarito Road. Drive cautiously at night, and if a deer or elk is in sight, use low beams. Snow, ice, and sleet are common during the winter months. Plan to take extra time to get to your destination. Use caution and extra care.

If you are taking up residency in New Mexico, you must surrender your license from any other state and apply for a New Mexico license within 30 days of moving to New Mexico.

Environment

Los Alamos is at an altitude of 7,355 feet. Your body may need time and extra rest to adjust. Use caution when exercising. Also, higher altitudes magnify the effects of alcohol. If you plan to drink, make sure you have a designated driver.

Do not approach sick or dead animals. Wildlife is abundant in Los Alamos County. Wild animals may carry contagious diseases. Fleas and ticks are common in this area. Be sure to dust your pets for them. In the event of a snakebite, seek medical attention immediately. Don't try to extract the poison yourself. Don't touch articles you might find in the area if you don't know what they are. Some

might be explosive test artifacts. Contact the police if you find any suspicious items. Do not disturb historic or archaeological artifacts.

Hiking

Topographic maps of the area are available at local stores. Never hike alone, and always tell someone else your planned destination and return time. Always take water and snacks even on short hikes. Take raingear and layer clothing, including hats and gloves. The temperature drops quickly after sundown. Respect private and federal property. Obey "No Trespassing" signs.

TRANSPORTATION

NOTE: Because prices are subject to frequent changes, you will need to call and verify the exact cost. The prices listed below give you a comparison between available options.

LA Bus

LA Bus serves all of Los Alamos County. The bus runs from 6 a.m. to 6 p.m. Several work routes are available on the commuter route schedule. They also have a Demand Response Service (equipped with a wheelchair lift and wheelchair tie-downs), which is available to riders who do not want to wait for a fixed route bus. LA Bus does not operate on weekends or LANL holidays. More information is available at 662-2080 or www.labus.org.

Standard Fares

	Adults	Students, Seniors and Handicapped
Single Ride	\$1.25	\$0.75
20 Ride Card	\$15.00	\$10.00
Monthly Pass	\$25.00	\$20.00

Demand Response Service

Single Ride, townsite	Single Ride, White Rock	10 Ride Pass
\$3.00 or 1 punch on a pass	\$5.00 or 2 punches on a pass	\$20.00

Taxi Service

LANL provides a free taxi service to all Laboratory sites. This service is available to Laboratory employees during normal work hours (8:30 a.m. to 3 p.m.). Call 667-TAXI (667-8294) to make arrangements. Some destinations may require the use of both the LANL taxi service and LA Bus. Call the taxi service number to see if this will be necessary. The summer is a very busy time for the taxi service, so please remember that the taxis are to be used only for official Laboratory business. Taxis will not transport students to their homes or to non-LANL business locations. http://intranet.jci.lanl.gov/dept/ss/tp/ts/

Park-n-Ride

All Aboard America!, in conjunction with the New Mexico State Highway and Transportation Department, operates over 80 daily departures between the following cities:

- Santa Fe and Espanola
- Santa Fe and Los Alamos
- Espanola and Los Alamos
- Albuquerque and Santa Fe and Los Alamos

This service is available for the general public at the following one way fares:

- Santa Fe Espanola Los Alamos \$3
- Albuquerque Santa Fe \$3
- Albuquerque Los Alamos \$6

Park-n-Ride can be reached at 424-1110, or visit the website at:

http://www.allaboardamerica.com/santafe/parkandride.html to get schedules, pick-up and drop-off locations, days of operations, and monthly pass information. Discounted monthly passes are available.

Shuttle Services

Students needing transportation from/to Albuquerque can contact the following agencies:

Santa Fe Shuttle (from Albuquerque to Santa Fe)

Phone: 505-243-2300 888-833-2300

Website: www.shuttlesantafe.com Availability: Open 7 days a week Travel Time: approx. 70 - 75 min.

Hours of Operation: 8:00 a.m. – 8:00 p.m.

Requires 24 hour advance reservation

Cost: \$23.00 one-way \$40.00 roundtrip

Destinations: Stops at all hotels

Sandia Shuttle (From Albuquerque to Santa Fe)

Phone: 505-474-5696 888-775-5696

Website: www.sandiashuttle.com Availability: Open 7 days a week Travel Time: approx. 70 min.

Hours of Operation: 8:00 a.m. – 8:00 p.m.

Leaves Albuquerque every hour beginning at 8:45 Reservations and Pre-Payment with credit card required

Cost: \$25.00 one-way

\$45.00 roundtrip (prepaid with credit card)

Destinations: Stops at all hotels

Roadrunner Shuttle (From Santa Fe to Los Alamos)

Phone: 505-424-3367

Website: none

Availability: Open 7 days a week

Hours of Operation: 6:00 a.m. – 9:00 p.m.

Pick-up by reservation only; Credit cards not accepted.

Cost \$ 50.00 one-way

Destinations: Any location in Santa Fe and Los Alamos

Additional stops in either place is an additional \$10 per stop

Available for groups anywhere in the state

SUMMARY

This handbook is designed to provide essential tools for creating a highly effective education and work experience for the mentor and student. The handbook outlines the objectives and skills necessary to create a positive and mutually meaningful experience for students and mentors. It also contains the necessary forms required to prepare for this relationship.

For more information contact: Carole Rutten STBPO-EPDO 665-5194

crutten@lanl.gov

Science and Technology Base Program Office Education & Postdoc Office

STBPO - EPDO



